

## Project Summary

Project Code: **AD0** Agency Code: **KA0** Implementing Agency Code: **KA0** Agency Name: **Department of Transportation**

Project Name: **Trans Elec Sys Imp** Implementing Agency Name: **Department of Transportation**

### EXPENDITURE SCHEDULE

Cost Element Name:	(11) Through FY 2002:	(12) Budgetd FY 2003	(13) Total:	(14) Year 1 FY 2004:	(15) Year 2 FY 2005:	(16) Year 3 FY 2006:	(17) Year 4 FY 2007:	(18) Year 5 FY 2008:	(19) Year 6 FY 2009:	(20) 6 Years Budget:	(21) Total Budget:
(01) Design	0	0	0	1,784	850	450	338	0	0	3,422	3,422
(03) Project Management	0	0	0	647	1,986	1,667	730	537	180	5,748	5,748
(04) Construction	0	0	0	4,206	10,167	9,067	4,867	3,450	1,200	32,956	32,956
<b>Total:</b>	0	0	0	6,636	13,003	11,184	5,934	3,987	1,380	42,125	42,125

### FUNDING SCHEDULE

Cost Element Name:	(11) Through FY 2002:	(12) Budgetd FY 2003	(13) Total:	(14) Year 1 FY 2004:	(15) Year 2 FY 2005:	(16) Year 3 FY 2006:	(17) Year 4 FY 2007:	(18) Year 5 FY 2008:	(19) Year 6 FY 2009:	(20) 6 Years Budget:	(21) Total Budget:
Grants (0350)	0	0	0	5,326	10,513	9,113	5,023	3,466	1,380	34,822	34,822
Highway Trust Fund (0351)	0	0	0	1,310	2,490	2,071	911	521	0	7,303	7,303
<b>Total:</b>	0	0	0	6,636	13,003	11,184	5,934	3,987	1,380	42,125	42,125

### Project Description:

This project renovates and replaces the District's aging transportation electrical infrastructure on and off the Federal-aid Highway System. Work consists of installation of conduit and manholes to support the streetlight and traffic signal communication systems.

### MAP



Project AD0 w/Subprojects

## Department of Transportation

Project Code: <b>AD0</b>	SubProject Code: <b>01</b>	Agency Code: <b>KA0</b>	Implementing Agency Code: <b>KA0</b>	Fund: <b>0350</b>
Project Name: <b>Trans Elec Sys Imp</b>	Sub Project Name: <b>FY01 CW Street Light Replacement Con</b>	Implementing Agency Name: <b>Department of Transportation</b>		
Subproject Location: <b>Citywide</b>				

## ANNUAL OPERATING BUDGET IMPACT

FTE's:  
Personnel Services:  
Non Personnel Services:  
Maintenance Costs:

### EXPENDITURE SCHEDULE

Cost Element Name:	(11) Through FY 2002:	(12) Budgetd FY 2003	(13) Total:	(14) Year 1 FY 2004:	(15) Year 2 FY 2005:	(16) Year 3 FY 2006:	(17) Year 4 FY 2007:	(18) Year 5 FY 2008:	(19) Year 6 FY 2009:	(20) 6 Years Budget:	(21) Total Budget:
(03) Project Management	0	0	0	83	180	180	180	180	180	983	983
(04) Construction	0	0	0	554	1,200	1,200	1,200	1,200	1,200	6,554	6,554
<b>Total:</b>	0	0	0	637	1,380	1,380	1,380	1,380	1,380	7,537	7,537

### FUNDING SCHEDULE

Cost Element Name:	(11) Through FY 2002:	(12) Budgetd FY 2003	(13) Total:	(14) Year 1 FY 2004:	(15) Year 2 FY 2005:	(16) Year 3 FY 2006:	(17) Year 4 FY 2007:	(18) Year 5 FY 2008:	(19) Year 6 FY 2009:	(20) 6 Years Budget:	(21) Total Budget:
Grants (0350)	0	0	0	637	1,380	1,380	1,380	1,380	1,380	7,537	7,537
<b>Total:</b>	0	0	0	637	1,380	1,380	1,380	1,380	1,380	7,537	7,537

### Milestone Data

Initial Authorization Date: 2001  
Initial Cost: 1,332  
Implementation Status: Predesign  
UsefulLife: 30  
Ward: 10  
CIP Approval Criteria: Efficiency Improvements  
Functional Category: Roads and Bridges  
Mayor's Policy Priority: Unity of Purpose  
Program Category: Public Works

Scheduled Actual

Development of Scope:  
Approval of A/E:  
Notice to Proceed:  
Final design Complete:  
OBP Executes Condt Contract:  
NTP for Construction:  
Construction Complete:  
Project Closeout Date:

### Subproject Description:

This project renovates and replaces the District's aging transportation electrical infrastructure on and off the Federal-aid Highway System.

### Scope of Work

Work includes replacement of streetlight knockdowns and overhead wire and poles.

### MAP



Citywide

## Department of Transportation

## ANNUAL OPERATING BUDGET IMPACT

Project Code: **AD0** SubProject Code: **03** Agency Code: **KA0** Implementing Agency Code: **KA0** Fund: **0350**

Project Name: **Trans Elec Sys Imp** Sub Project Name: **FY01 Electrical System Upgrade** Implementing Agency Name: **Department of Transportation**

Subproject Location: **City Wide**

FTE's:

Personnel Services:

Non Personnel Services:

Maintenance Costs:

### EXPENDITURE SCHEDULE

Cost Element Name:	(11) Through FY 2002:	(12) Budgetd FY 2003	(13) Total:	(14) Year 1 FY 2004:	(15) Year 2 FY 2005:	(16) Year 3 FY 2006:	(17) Year 4 FY 2007:	(18) Year 5 FY 2008:	(19) Year 6 FY 2009:	(20) 6 Years Budget:	(21) Total Budget:
(01) Design	0	0	0	47	0	0	0	0	0	47	47
(04) Construction	0	0	0	187	0	0	0	0	0	187	187
<b>Total:</b>	0	0	0	234	0	0	0	0	0	234	234

### FUNDING SCHEDULE

Cost Element Name:	(11) Through FY 2002:	(12) Budgetd FY 2003	(13) Total:	(14) Year 1 FY 2004:	(15) Year 2 FY 2005:	(16) Year 3 FY 2006:	(17) Year 4 FY 2007:	(18) Year 5 FY 2008:	(19) Year 6 FY 2009:	(20) 6 Years Budget:	(21) Total Budget:
Grants (0350)	0	0	0	187	0	0	0	0	0	187	187
Highway Trust Fund (0351)	0	0	0	47	0	0	0	0	0	47	47
<b>Total:</b>	0	0	0	234	0	0	0	0	0	234	234

### Milestone Data

Initial Authorization Date: 2001  
 Initial Cost: 233  
 Implementation Status: New  
 UsefulLife: 30  
 Ward: 10  
 CIP Approval Criteria: Efficiency Improvements  
 Functional Category: Roads and Bridges  
 Mayor's Policy Priority: Unity of Purpose  
 Program Category: Public Works

Scheduled Actual

Development of Scope:  
 Approval of A/E:  
 Notice to Proceed:  
 Final design Complete:  
 OBP Executes Condt Contract:  
 NTP for Construction:  
 Construction Complete:  
 Project Closeout Date:

### Subproject Description:

This project will renovate and replace the District's aging transportation electrical systems to provide safe operations.

### Scope of Work

The electrical systems that operate the lighting and mechanical equipment is old and not in proper working order to supply the required lighting and to operate the pumps. The electrical system will be improved and repaired to bring the equipment up to standards and to electrical code. The location to be designed and upgraded is North Capitol and Rhode Island Avenue, N.E. Underpass.

### MAP



City Wide

## Department of Transportation

Project Code: <b>AD0</b>	SubProject Code: <b>04</b>	Agency Code: <b>KA0</b>	Implementing Agency Code: <b>KA0</b>	Fund: <b>0350</b>
Project Name: <b>Trans Elec Sys Imp</b>	Sub Project Name: <b>FY 2002 Electrical Systems Upgrade - L'</b>	Implementing Agency Name: <b>Department of Transportation</b>		
Subproject Location: <b>L'Enfant Plaza</b>				

## ANNUAL OPERATING BUDGET IMPACT

FTE's:

Personnel Services:

Non Personnel Services:

Maintenance Costs:

### EXPENDITURE SCHEDULE

Cost Element Name:	(11) Through FY 2002:	(12) Budgetd FY 2003	(13) Total:	(14) Year 1 FY 2004:	(15) Year 2 FY 2005:	(16) Year 3 FY 2006:	(17) Year 4 FY 2007:	(18) Year 5 FY 2008:	(19) Year 6 FY 2009:	(20) 6 Years Budget:	(21) Total Budget:
(01) Design	0	0	0	0	0	0	0	0	0	0	0
(03) Project Management	0	0	0	151	0	0	0	0	0	151	151
(04) Construction	0	0	0	715	0	0	0	0	0	715	715
<b>Total:</b>	0	0	0	866	0	0	0	0	0	866	866

### FUNDING SCHEDULE

Cost Element Name:	(11) Through FY 2002:	(12) Budgetd FY 2003	(13) Total:	(14) Year 1 FY 2004:	(15) Year 2 FY 2005:	(16) Year 3 FY 2006:	(17) Year 4 FY 2007:	(18) Year 5 FY 2008:	(19) Year 6 FY 2009:	(20) 6 Years Budget:	(21) Total Budget:
Grants (0350)	0	0	0	693	0	0	0	0	0	693	693
Highway Trust Fund (0351)	0	0	0	173	0	0	0	0	0	173	173
<b>Total:</b>	0	0	0	866	0	0	0	0	0	866	866

### Milestone Data

Initial Authorization Date:	2002
Initial Cost:	1,021
Implementation Status:	New
UsefulLife:	30
Ward:	10
CIP Approval Criteria:	Economic Development
Functional Category:	Roads and Bridges
Mayor's Policy Priority:	Healthy Neighborhoods
Program Category:	Public Works

Scheduled Actual

Development of Scope:  
Approval of A/E:  
Notice to Proceed:  
Final design Complete:  
OBP Executes Condt Contract:  
NTP for Construction:  
Construction Complete:  
Project Closeout Date:

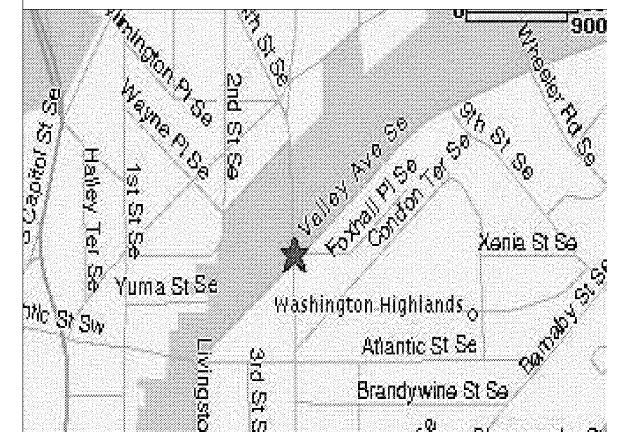
### Subproject Description:

The lighting system and underground cables are old and starting to fail. The system needs to be upgraded in order to maintain the required lighting. Work will include replacing all foundations, poles and lighting fixtures to upgrade to a modern system. The location to be designed and upgraded is L'Enfant Plaza.

### Scope of Work

This program will provide funds to improve the reliability of the streetlights, reduce maintenance and improve safety for residents. The scope of work includes gathering of information regarding utilities and to develop and design the new system as well as write contractual documents. The contractor will purchase and install new streetlight system completed with underground infrastructure—manholes, conduits and cable pole, fixture, and any other item to complete the project. All obsolete electrical systems will be replaced and any components containing PCB will properly be disposed. The contractor will be responsible for repairing the damaged areas as a result of this work.

### MAP



**L'Enfant Plaza**

## Department of Transportation

Project Code: <b>AD0</b>	SubProject Code: <b>05</b>	Agency Code: <b>KA0</b>	Implementing Agency Code: <b>KA0</b>	Fund: <b>0350</b>
Project Name: <b>Trans Elec Sys Imp</b>	Sub Project Name: <b>FY03 Streetlight Sys Upgrade</b>		Implementing Agency Name: <b>Department of Transportation</b>	
Subproject Location: <b>Various Locations</b>				

## ANNUAL OPERATING BUDGET IMPACT

FTE's:  
Personnel Services:  
Non Personnel Services:  
Maintenance Costs:

### EXPENDITURE SCHEDULE

Cost Element Name:	(11) Through FY 2002:	(12) Budgetd FY 2003	(13) Total:	(14) Year 1 FY 2004:	(15) Year 2 FY 2005:	(16) Year 3 FY 2006:	(17) Year 4 FY 2007:	(18) Year 5 FY 2008:	(19) Year 6 FY 2009:	(20) 6 Years Budget:	(21) Total Budget:
(01) Design	0	0	0	450	450	450	338	0	0	1,688	1,688
(03) Project Management	0	0	0	113	450	450	450	357	0	1,820	1,820
(04) Construction	0	0	0	750	3,000	3,000	3,000	2,250	0	12,000	12,000
<b>Total:</b>	0	0	0	1,313	3,900	3,900	3,788	2,607	0	15,507	15,507

### FUNDING SCHEDULE

Cost Element Name:	(11) Through FY 2002:	(12) Budgetd FY 2003	(13) Total:	(14) Year 1 FY 2004:	(15) Year 2 FY 2005:	(16) Year 3 FY 2006:	(17) Year 4 FY 2007:	(18) Year 5 FY 2008:	(19) Year 6 FY 2009:	(20) 6 Years Budget:	(21) Total Budget:
Grants (0350)	0	0	0	1,050	3,120	3,120	3,030	2,086	0	12,406	12,406
Highway Trust Fund (0351)	0	0	0	263	780	780	758	521	0	3,101	3,101
<b>Total:</b>	0	0	0	1,313	3,900	3,900	3,788	2,607	0	15,507	15,507

### Milestone Data

Initial Authorization Date: 2003  
Initial Cost: 0  
Implementation Status: New  
UsefulLife: 30  
Ward: 10  
CIP Approval Criteria: Economic Development  
Functional Category: Roads and Bridges  
Mayor's Policy Priority: Healthy Neighborhoods  
Program Category: Public Works

Scheduled Actual

Development of Scope:  
Approval of A/E:  
Notice to Proceed:  
Final design Complete:  
OBP Executes Condt Contract:  
NTP for Construction:  
Construction Complete:  
Project Closeout Date:

### Subproject Description:

This project will renovate and replace the District's aging transportation electrical systems to provide safe operations. This project will also improve the reliability of the streetlights, reduce maintenance and outages and improve the safety of residents.

### Scope of Work

This program will provide funds to install a new streetlight system complete with underground infrastructure—manholes, conduits and cable. This will be a four (4) year contract with a base year and 3 option years.

### MAP



### Various Locations

## Department of Transportation

Project Code: <b>AD0</b>	SubProject Code: <b>06</b>	Agency Code: <b>KA0</b>	Implementing Agency Code: <b>KA0</b>	Fund: <b>0350</b>
Project Name: <b>Trans Elec Sys Imp</b>	Sub Project Name: <b>FY03 Streetlight Series Circuit Conversi</b>	Implementing Agency Name: <b>Department of Transportation</b>		
Subproject Location: <b>Citywide</b>				

## ANNUAL OPERATING BUDGET IMPACT

FTE's:  
Personnel Services:  
Non Personnel Services:  
Maintenance Costs:

### EXPENDITURE SCHEDULE

Cost Element Name:	(11) Through FY 2002:	(12) Budgetd FY 2003	(13) Total:	(14) Year 1 FY 2004:	(15) Year 2 FY 2005:	(16) Year 3 FY 2006:	(17) Year 4 FY 2007:	(18) Year 5 FY 2008:	(19) Year 6 FY 2009:	(20) 6 Years Budget:	(21) Total Budget:
(01) Design	0	0	0	400	400	0	0	0	0	800	800
(03) Project Management	0	0	0	300	400	400	100	0	0	1,200	1,200
(04) Construction	0	0	0	2,000	2,667	2,667	667	0	0	8,000	8,000
<b>Total:</b>	0	0	0	2,700	3,467	3,067	767	0	0	10,000	10,000

### FUNDING SCHEDULE

Cost Element Name:	(11) Through FY 2002:	(12) Budgetd FY 2003	(13) Total:	(14) Year 1 FY 2004:	(15) Year 2 FY 2005:	(16) Year 3 FY 2006:	(17) Year 4 FY 2007:	(18) Year 5 FY 2008:	(19) Year 6 FY 2009:	(20) 6 Years Budget:	(21) Total Budget:
Grants (0350)	0	0	0	2,160	2,773	2,453	613	0	0	8,000	8,000
Highway Trust Fund (0351)	0	0	0	540	693	613	153	0	0	2,000	2,000
<b>Total:</b>	0	0	0	2,700	3,467	3,067	767	0	0	10,000	10,000

### Milestone Data

Initial Authorization Date: 2003  
Initial Cost:  
Implementation Status: New  
UsefulLife: 30  
Ward: 10  
CIP Approval Criteria: Economic Development  
Functional Category: Roads and Bridges  
Mayor's Policy Priority: Healthy Neighborhoods  
Program Category: Public Works

Scheduled Actual

Development of Scope:  
Approval of A/E:  
Notice to Proceed:  
Final design Complete:  
OBP Executes Condt Contract:  
NTP for Construction:  
Construction Complete:  
Project Closeout Date:

### Subproject Description:

This project will renovate and replace the District's aging transportation electrical systems to provide safe operations. This project will also improve the reliability of the streetlights, reduce maintenance and outages and improve the safety of residents. The streetlight series circuit conversions will upgrade conduit and cable systems.

### Scope of Work

This program will provide funds to convert streetlights from a series circuit fed system to individual fed system on various locations of the city. This will be a three (3) year contract with a base year and two (2) option years.

### MAP



Citywide

## Department of Transportation

Project Code: <b>AD0</b>	SubProject Code: <b>07</b>	Agency Code: <b>KA0</b>	Implementing Agency Code: <b>KA0</b>	Fund: <b>0350</b>
Project Name: <b>Trans Elec Sys Imp</b>	Sub Project Name: <b>Street Light System Upgrade</b>		Implementing Agency Name: <b>Department of Transportation</b>	
Subproject Location: <b>Various Locations</b>				

## ANNUAL OPERATING BUDGET IMPACT

FTE's:  
Personnel Services:  
Non Personnel Services:  
Maintenance Costs:

### EXPENDITURE SCHEDULE

Cost Element Name:	(11) Through FY 2002:	(12) Budgetd FY 2003	(13) Total:	(14) Year 1 FY 2004:	(15) Year 2 FY 2005:	(16) Year 3 FY 2006:	(17) Year 4 FY 2007:	(18) Year 5 FY 2008:	(19) Year 6 FY 2009:	(20) 6 Years Budget:	(21) Total Budget:
(01) Design	0	0	0	533	0	0	0	0	0	533	533
(03) Project Management	0	0	0	0	478	478	0	0	0	956	956
(04) Construction	0	0	0	0	1,650	1,650	0	0	0	3,300	3,300
<b>Total:</b>	0	0	0	533	2,128	2,128	0	0	0	4,789	4,789

### FUNDING SCHEDULE

Cost Element Name:	(11) Through FY 2002:	(12) Budgetd FY 2003	(13) Total:	(14) Year 1 FY 2004:	(15) Year 2 FY 2005:	(16) Year 3 FY 2006:	(17) Year 4 FY 2007:	(18) Year 5 FY 2008:	(19) Year 6 FY 2009:	(20) 6 Years Budget:	(21) Total Budget:
Grants (0350)	0	0	0	360	1,620	1,620	0	0	0	3,600	3,600
Highway Trust Fund (0351)	0	0	0	173	508	508	0	0	0	1,189	1,189
<b>Total:</b>	0	0	0	533	2,128	2,128	0	0	0	4,789	4,789

### Milestone Data

Initial Authorization Date: 2004  
Initial Cost: 0  
Implementation Status: New  
UsefulLife: 30  
Ward:  
CIP Approval Criteria: Efficiency Improvements  
Functional Category:  
Mayor's Policy Priority:  
Program Category:

Scheduled Actual

Development of Scope:  
Approval of A/E:  
Notice to Proceed:  
Final design Complete:  
OBP Executes Condt Contract:  
NTP for Construction:  
Construction Complete:  
Project Closeout Date:

### Subproject Description:

This project will renovate and replace the District's aging transportation electrical systems to provide safe operations. This project will also improve the reliability of the streetlights, reduce maintenance and outages and improve the safety of residents.

### Scope of Work

This program will provide funds to install new streetlights and will replace the multiple circuits to a stand alone system through installation of individual photocell. Multiple circuits control a combination of streetlight fixtures through a single photo-cell. Once the photo-cell fails, all connected fixtures will fail causing a large black out. Locations include:

North Capitol Street between Michigan Avenue to Harewood Road  
Military Road between 14th Street to 27th Street  
Nebraska Avenue between 39th Street to 38th Street  
Loughboro Road between Chain Bridge Road to Arizona Avenue

### MAP



### Various Locations

## Department of Transportation

Project Code: <b>AD0</b>	SubProject Code: <b>08</b>	Agency Code: <b>KA0</b>	Implementing Agency Code: <b>KA0</b>	Fund: <b>0350</b>
Project Name: <b>Trans Elec Sys Imp</b>	Sub Project Name: <b>Multi Circuit Conversion Streetlight En</b>	Implementing Agency Name: <b>Department of Transportation</b>		
Subproject Location: <b>Various Locations</b>				

## ANNUAL OPERATING BUDGET IMPACT

FTE's:  
Personnel Services:  
Non Personnel Services:  
Maintenance Costs:

### EXPENDITURE SCHEDULE

Cost Element Name:	(11) Through FY 2002:	(12) Budgetd FY 2003	(13) Total:	(14) Year 1 FY 2004:	(15) Year 2 FY 2005:	(16) Year 3 FY 2006:	(17) Year 4 FY 2007:	(18) Year 5 FY 2008:	(19) Year 6 FY 2009:	(20) 6 Years Budget:	(21) Total Budget:
(01) Design	0	0	0	355	0	0	0	0	0	355	355
(03) Project Management	0	0	0	0	478	159	0	0	0	638	638
(04) Construction	0	0	0	0	1,650	550	0	0	0	2,200	2,200
<b>Total:</b>	0	0	0	355	2,128	709	0	0	0	3,193	3,193

### FUNDING SCHEDULE

Cost Element Name:	(11) Through FY 2002:	(12) Budgetd FY 2003	(13) Total:	(14) Year 1 FY 2004:	(15) Year 2 FY 2005:	(16) Year 3 FY 2006:	(17) Year 4 FY 2007:	(18) Year 5 FY 2008:	(19) Year 6 FY 2009:	(20) 6 Years Budget:	(21) Total Budget:
Grants (0350)	0	0	0	240	1,620	540	0	0	0	2,400	2,400
Highway Trust Fund (0351)	0	0	0	115	508	169	0	0	0	793	793
<b>Total:</b>	0	0	0	355	2,128	709	0	0	0	3,193	3,193

### Milestone Data

Initial Authorization Date: 2004  
Initial Cost: 3,193  
Implementation Status: New  
UsefulLife: 30  
Ward:  
CIP Approval Criteria: Efficiency Improvements  
Functional Category: Roads and Bridges  
Mayor's Policy Priority: Healthy Neighborhoods  
Program Category: Public Works  
Scheduled Actual

Development of Scope:  
Approval of A/E:  
Notice to Proceed:  
Final design Complete:  
OBP Executes Condt Contract:  
NTP for Construction:  
Construction Complete:  
Project Closeout Date:

### Subproject Description:

This project will renovate and replace the District's aging transportation electrical systems to provide safe operations. This project will also improve the reliability of the streetlights, reduce maintenance and outages and improve the safety of residents.

### Scope of Work

This program will provide funds to improve the reliability of the streetlights, reduce maintenance and improve safety for residents. The scope of work includes gathering of information regarding utilities and to develop and design the new system as well as write contractual documents. The contractor will purchase and install new streetlight system completed with underground infrastructure—manholes, conduits and cable pole, fixture, and any other item to complete the project. All obsolete electrical systems will be replaced and any components containing PCB will properly be disposed. The contractor will be responsible for repairing the damaged areas as a result of this work.

### MAP



### Various Locations